# **Hall Convocation**



Convocation Hall

University of Alberta November : : 1956

#### THE PRESENTATION

The Dean of the Faculty of Arts and Science asks the candidates for degrees to rise, and presents them with these words:

"Eminent Chancellor and President, on behalf of the Faculties, I present to you these scholars and ask that they be pledged and admitted to the degrees to which they are entitled."

#### THE PLEDGE

The President, then rising, addresses the candidates in these words:

"Do you promise faithfully to observe and loyally to maintain the statutes, customs, privileges and liberties of this your University? Do you pledge your honour that when you become a member of Convocation you will vote only for those whom you surely know or firmly believe to be fit and proper persons to share in the government of this University? Do you solemnly promise to conduct yourself in all things loyally and faithfully to the honour of your University, the encouragement of learning and the good of your country?"

Each candidate replies: "These things I pledge myself to do."

#### THE ADMISSION

The Chancellor then addresses the candidates in these words:

"By virtue of the authority vested in me by the Legislature of this Province, and with the consent of this University, I admit you to the degrees to which you are entitled, and invest you with all the powers, rights and privileges pertaining to such degrees, and I charge you to use them for the glory of God and honour of your country."

Candidates then sit down.

# University of Alberta

FALL CONVOCATION

for the

PRESENTATION OF DIPLOMAS

and the

CONFERRING OF DEGREES



Two-fifteen o'clock, Saturday afternoon
November the Third
Nineteen Hundred and Fifty-Six
Convocation Hall
University of Alberta

# Program

# ACADEMIC PROCESSION

# O CANADA

# THE INVOCATION

The Reverend Edmund Jabez Thompson, M.A., B.D., Ph. D

# REPORT OF THE PRESIDENT TO CONVOCATION

# CONFERRING OF HONORARY DEGREE OF DOCTOR OF LAWS

John Lee Laurie, B.A. Presented by Dean H. T. Coutts

William Copeland McCalla Presented by Professor E. H. Moss

# CONVOCATION ADDRESS

Laurance Yeomans Cairns, Q.C., B.A., LL.D.

#### PRESENTATION OF DIPLOMAS

#### CONFERRING OF DEGREES

The Presentation
The Pledge
The Admission

GOD SAVE THE QUEEN

RECESSION

# Awards

The place mentioned after each prize winner's name is the place where he completed the last year of high school study; where this information is not available or where the last high school attended is outside Alberta, the home address is given *in italics*.

## THE FACULTY OF ARTS AND SCIENCE

The Scholarship of the Edmonton Section of the Council of Jewish Women

Ronald David Bercov, Edmonton

The Scholarship of the Board of Governors of the University in First-Year Arts and Science Gordon Lloyd Lange, Edmonton

The University Women's Club of Calgary Scholarship
Marlene Marie Martin, Calgary (Resigned)

The James McCrie Douglas Memorial Scholarship
Joseph George Atkinson, Edmonton

The Mary Cameron Douglas Memorial Scholarship
Mildred Ivy Staples, Edmonton

The Edmonton B'nai B'rith Scholarship Donna Louise McCalla, Edmonton

#### THE FACULTY OF AGRICULTURE

The Scholarship of the Board of Governors of the University in First-Year Agriculture
Robert Northey Plank, Rimbey

The Robert Gardiner Memorial Undergraduate Scholarship John Dennis MacKenzie, Magrath

The Alberta Dairymen's Association Scholarship in Dairying
Not awarded

The Canadian Feed Manufacturers' Association (Alberta Division) Scholarship
Bruce Eugene McDonald, Mannville

The Alberta Branch of the Canadian Seed Growers'
Association Scholarship
Herbert Dinsmore Madill, Foremost

# The Ketchum Prize in Animal Science Walter Dietz, Galahad

The Western Canadian Society for Horticulture Prize
Oluf Lind Gamborg, Edmonton

#### THE SCHOOL OF COMMERCE

The Winspear, Hamilton, Anderson and Company Scholarship

David Keith Johnson, Edmonton

The Hudson's Bay Company Scholarship in Commerce
Michael Alfred Denega, St. Paul

The W. T. Henry Scholarship
Not awarded

The Frederick Charles Manning Memorial Scholarship
Dennis Peter Lawson, Calgary

The Scholarship of the Western Daily Newspapers Advertising
Managers' Association
Stewart Gordon Huff, Edmonton

The Hudson's Bay Company Prize in Commerce Stewart Gordon Huff, Edmonton

The Cecil Ethelbert Race Memorial Prize
Michael Alfred Denega, St. Paul

The Clarkson, Gordon and Co. Prize in Commerce Michael Alfred Denega, St. Paul

The T. Eaton Company's Prizes in Commerce
In the second year: Michael Alfred Denega, St. Paul and
Stewart Gordon Huff, Edmonton (equal)
In the first year: David Keith Johnson, Edmonton

The Hudson's Bay Company Merchandising Awards
Patricia Sylvia Workun, Edmonton
Stewart Gordon Huff, Edmonton

# THE FACULTY OF DENTISTRY

The International College of Dentists (Canadian Section)
Scholarship in Dentistry
Gordon Alan Deane, Edmonton

The Alberta Dental Association Scholarships
In the third year: Zenon Michael Pawliuk, Saskatoon, Saskatchewan
In the second year: William Richard Collier, Salmon Arm, British Columbia

In the first year: Raymond Arthur Ulan, Mundare

The Alberta Dental Association Scholarship in Pre-professional Year Mike Petryk, Grassland The Alberta Dental Association Prize in Second-Year Dentistry
William Richard Collier, Salmon Arm, British Columbia

The Edmonton Dental Society Prizes
In the third year: Daniel Joseph Classen, St. Gregor, Saskatchewan
In the first year: Louis Melosky, Yorkton, Saskatchewan

The Fred Stapells Scholarship in Dentistry
Mike Petryk, Grassland

The Scholarship of the Calgary Section of the National Council of Jewish Women of Canada Roy Shiro Tsuyuki, New Westminster, British Columbia

The Harry Ernest Bulyea Prize
Donald Michael Lemiske, Vernon, British Columbia

The Harry Alexander Gilchrist Prize
Olek O. Grywalski, Red Deer

The Dental Prize
Jan Diepenheim, Edmonton

## THE FACULTY OF EDUCATION

The Scholarship of the Board of Governors of the University in First-Year Education

Denise S. Helgason, Edmonton

The University Scholarships in Education

Lynne W. C. de Leeuw, Stavely

Ruth Fern Olson, Coaldale

Janet Ellen Tincknell, Calgary

The Edmonton Jewish Community Council Scholarship Sister Mary Aloysius (Gallivan), Edmonton

The P.E.O. Southern Alberta Scholarship in Education Elisabeth Mary Atkinson, Calgary

The First-Year Scholarship of the Education Society of Edmonton Denise S. Helgason, Edmonton

The Olive M. Fisher Prize Betty-Louise Farwell, Calgary

The Education Book Prize Shirley Ann Aldrich, Edmonton

#### THE FACULTY OF ENGINEERING

The Gas Company Undergraduate Scholarships
Peter M. Huculak, Andrew
Keith A. Stromsmoe, Lethbridge

The Lane-Wells Scholarship in Petroleum Engineering
Halfdan Frank, Edmonton

The Mobil Oil Scholarship in Engineering George Wesley Poling, Bentley

The California Standard Company Undergraduate Scholarship

Frederick Douglas Otto, Mannville

The H. R. Webb Memorial Scholarship
Robert Kasuo Teshima, Taber

The Scholarship of the Board of Governors of the University
in First-Year Engineering
Edward Richard Petersen, Red Deer

The A. Cristall Memorial Scholarship Robert Bruce Pinkney, Blairmore

The Engineering Institute of Canada Prize for Third-Year Students in Engineering George Wesley Poling, Bentley

The Chemical Institute of Canada Prize in Chemical Engineering

Frederick Douglas Otto, Mannville

The Northern Alberta Branch of the Canadian Institute of Mining and Metallurgy Prizes

Coal Mining: Not awarded
Metal Mining: Joseph Alexander Riddell, Neutral Hills
Geology: Hugh Mogensen, Red Deer
Petroleum: Raymond Russell Young, Banff

The Webb Memorial Student Paper Competition
First: Leonard Frederick Maier, Craik, Saskatchewan
Second: John Allen Bray, Red Deer
Third: Ralph George Evans, Calgary

## THE SCHOOL OF HOUSEHOLD ECONOMICS

The Florence Hallock Memorial Prize
Gweneth Yvonne Nelson, Edmonton

The Annie Gertrude Tory Scholarship Helen Gertrude Howard, Drumheller

The Gretta Shaw Simpson Memorial Prize
Adele Marie Browne, Edmonton
Sophie Heifetz, Edmonton

The Maria Isabella O'Connor Prize Helen Gertrude Howard, Drumheller

#### THE FACULTY OF LAW

The Scholarship of the Board of Governors of the University in First-Year Law

Robert Roy Stuart, Edmonton

The B'nai B'rith Prize in Second-Year Law William Alexander Stevenson, Edmonton

The Carswell Prizes in the Faculty of Law
In the second year: William Alexander Stevenson, Edmonton
In the first year: Fred Hochachka, Edmonton

# THE FACULTY OF MEDICINE

The Research Fellowship of the College of Physicians and Surgeons of the Province of Alberta Not awarded

The Scholarships of the College of Physicians and Surgeons of the Province of Alberta

In first year Proficiency (1st): David MacIndoo Fawcett, Edmonton
In first year Proficiency (2nd): Lois Ann Stayura, Calgary
In second year Proficiency (1st): Cameron Gordon Strong, Vegreville
In second year Proficiency (2nd): Roman Marvin Bala, Sangudo
In third year Proficiency (1st): John M. Serbu, Willingdon
In third Year Proficiency (2nd): Knut Egil Vik, Sangudo

The Allan Coates Rankin Prize in Bacteriology
Nicholas Chepeha, Willingdon

The Prize in the History of Medicine Not awarded

The Harrison Memorial Scholarship in Obstetrics and Gynecology Robert Franklin Clark, Edmonton

The Ardrey W. Downs Prize in Physiology
Roman Marvin Bala, Sangudo

The James McDonald Taylor Memorial Prize
Orest Alexander Ulan, Mundare

#### THE SCHOOL OF NURSING

The Prizes of the Board of Governors of the University for Nursing

For outstanding merit in nursing during the senior year: Esther Ann Devine, Didsbury

For outstanding merit in the theory of nursing during the senior year:

Dianne Winifred Ross, Edmonton

The Prize of the Dean of Medicine in Obstetrical Nursing
Eva Yoshiko Shimizu, Edmonton

The Edmonton Home Economics Association Prize in Nutrition Helen Rae W. Bidwell, Unity, Saskatchewan

The Dr. A. C. McGugan Prize for Greatest Contribution to Student Welfare

Corrine Margaret Sundberg, Red Deer

The Ray E. Staples Memorial Prize in the School of Nursing
Eva Yoshiko Shimizu, Edmonton

The Operating Room Nursing Prize
Esther Ann Devine, Didsbury

The Helen Smith Peters Memorial Prize Gwendolyn Anne Raistrick, Edmonton

The Canadian Nurse Magazine Prize Shelia Marvelle Wilson, Waskatenau

The University of Alberta School of Nursing Alumnae
Association Prize
Joan Lingings, Vermilion

The Women's Auxiliary of the University of Alberta Hospital Prizes

Joyce H. Sandra McCoy, Edmonton Shirley Margaret Bragg, Rockyford

#### THE FACULTY OF PHARMACY

The Alberta Pharmaceutical Association Scholarships
In the second year: Josephine Victoria Hukalo, Edmonton
In the first year: Margaret Joan Dandell, Red Deer

The Alberta Pharmaceutical Prize in Dispensing
John Robert Lymer, Edmonton

The M. J. Warner Scholarship
Douglas Harold Aston, Lloydminster, Saskatchewan

The Women's Auxiliary to the Calgary Druggists' and Drug Travellers' Association Prize Kathleen R. Quinlan, Edmonton

The Canadian Foundation for the Advancement of Pharmacy Scholarships

In the second year: Josephine Victoria Hukalo, Edmonton In the first year: Mary M. A. Williams, Edmonton

The Burroughs Wellcome Bursary
Alec Shysh, Vilna

The Merck Prizes in Pharmacy
In Chemistry 40: Margaret Joan Dandell, Red Deer
In Chemistry 42: Alec Shysh, Vilna

The Drug Travellers of Alberta Bursary
John Robert Lymer, Edmonton

## THE SCHOOL OF PHYSIOTHERAPY

The Physiotherapy Book Prize
Mary Elaine Hirst, Edmonton

# DEPARTMENTAL AWARDS

#### CHEMISTRY

The Dowell Bursary in Chemistry Fritz Karl Hess, Edmonton

The Chemical Institute of Canada Prize in Chemistry
Joseph George Atkinson, Edmonton

The Lehmann Prize in Chemistry Sylvia Scott, Lloydminster

The Paul Edward Macleod Memorial Prize in Chemistry
Ervin Letwin, Lamont

The Fred H. Irwin Memorial Prize in Organic Chemistry
Joseph George Atkinson, Edmonton

#### CLASSICS

The Ahepa Prize in Greek
Raymond Andrew Christenson, Camrose

The Senior Greek Prize
Not awarded

The Monica Jones Aamodt Prize in Classics in English 50 Mildred Ivy Staples, Edmonton

#### **ENGLISH**

The Aiken Scholarship in English Language and Literature Donna Louise McCalla, Edmonton

The Priscilla Hammond Memorial Scholarship in Honors English John Douglas Campbell, Edmonton

The James Patrick Folinsbee Memorial Prize Rudy Henry Wiebe, Coaldale

The Samuel Richard Hosford Memorial Prize
Donna Louise McCalla, Edmonton

The Priscilla Hammond Memorial Prize in English 2
Paul Guy Piquette, Plamondon

The Calgary Herald Prize in English 2 Elisabeth Mary Atkinson, Calgary

The Charles James Thompson Memorial Prize in English 5
Not awarded

#### ENTOMOLOGY

The Entomological Society of Alberta Prize
Waldy Klassen, Vauxhall

#### FINE ARTS

The Fuller Brush Company Scholarships in Art
Coleen Dee Anderson, Edmonton
Joan Elizabeth Byrne, Edmonton

#### GEOLOGY

The Mobil Oil of Canada, Ltd. Scholarship in Geology
William Oliver Richmond, Kinuso

The California Standard Company Geological Scholarship Edward Wayne Bamber, Edmonton

The Rutherford Memorial Prize in Stratigraphy
William Oliver Richmond, Kinuso

The Prize in Economic Geology Robert Norman Farvolden, Forestburg

#### HISTORY

The John Henry Stanley Memorial Prize in History
Donald Gary Fowler, Edmonton

The George Malcolm Smith Memorial Prize in History
Not awarded

The History Club Prize Gary Conrad Vernon, Calgary

The A. L. Burt Prize in History Robert Roy Stuart, Edmonton

The Trenholme Dickson and Letitia S. Dickson Prize in History
Anita Ruth Madill, Foremost

The Morden Heaton Long Prize in History
Ruth Christine Hattersley, Edmonton

The Calgary Canadian Club History Prize Cornelius P. M. Van Es, Calgary

#### MATHEMATICS

The Cyril G. Wates Memorial Prize in Mathematics 53
Harvey Wilfred Zingle, Thorsby

The James McNish Chalmers Memorial Prize
Ronald David Bercov, Edmonton

### **MODERN LANGUAGES**

The Aristide Blais Prize in French Maria Sporleder, Edmonton

The Belgian Government Prize in French Audrey Christine Lord, Calgary

The Minister of Switzerland's Book Prize in French Norma Jean Fuller, Edmonton

The Bronze Medal in French
Not awarded

The French Government Book Prize
Elisabeth Mary Atkinson, Calgary

The Beauchemin Prize in French Elisabeth Mary Atkinson, Calgary

The German Government Prize
In German 54: Rudy Henry Wiebe, Coaldale
In German 72: Susan Bernhards Peters, Linden

#### PHYSICS

The Calilfornia Standard Company Geophysical Scholarship Allen Levore Taylor, Calgary

## POLITICAL ECONOMY

The Men's Economics Club Prize
Louis Parai, Drumheller

#### **EVENING DIVISION**

The Loyal Order of Moose Scholarships Herman Arnold Wallin, Castor (by reversion from Rhoda Stuart Menzies, Edmonton) Tova Yedlin, Edmonton

## SPECIAL AWARD

The Florence E. Dodds Prize
Madeleine Ruth Geddes, Calgary

# GRADUATE AWARDS

The Robert Gardiner Memorial Graduate Scholarship
David Gene Anderson, Wrentham
(by reversion from Gerhard Jacob Regehr, Ryley)

The Stanolind Graduate Fellowship in Geology
William Dougls Ritchie, Castor

# The Carnegie Corporation Fellowships Douglas George Bishop, Biggar, Saskatchewan Otto Francis W. Fritze, Truro, Nova Scotia

The Du Pont Company of Canada Limited Scholarship Phyllis Norma Barker, Severn Creek

> The P.E.O. Memorial Scholarship Aileen R. Fyvie, Edmonton

# FIRST-CLASS STANDING

In the following list of students, those whose names are marked with an asterisk (\*) have qualified for University of Alberta Honor Prizes. Those whose names are not so marked have qualified for University of Alberta First Class Standing Prizes.

# Faculty of Arts and Science Honor Courses

#### Third Year:

\*Joseph G. Atkinson, Edmonton Edward Wayne Bamber, Edmonton \*William O. Richmond, Kinuso John Douglas Campbell, Edmonton John E. Klcovansky, Seba Beach Dennis Robert McCalla, Edmonton Manuel Panar, Edmonton

Grace Lillian Powell Edmonton James Riddell, Ponoka Russell George Smith, Cluny Josephine Soboren, Calgary Mildred I. Staples, Edmonton

#### Second Year:

Joyce E. Loveseth, Edmonton \*Donna Louise McCalla, Edmonton Andrew E. Yethon, Melville, Sask.

#### General Course

#### Second Year:

Bernard E. Brosseau, Edmonton \*Jack Brown, Winfield Raymond A. Christenson, Camrose Kalman A. Cseuz, Edmonton \*Ronald Harry Gooding, Edmonton

Ralph Gurevitch, Calgary \*Waldy Klassen, Vauxhall

Erwin Letwin, Lamont Bernice B. Libin, Calgary Arnold S. Maerov, Calgary \*June Lillian Patton, Coalhurst \*Margaret M. Sonoda, Lethbridge Leonard E. Swischuk, Calgary \*Edmond O. M. Verbeek, Beiseker

#### First Year:

\*Ronald David Bercov, Edmonton Morton Brown, Edmonton Doreen Flesher, Edmonton Raymond A. Heller, Edmonton Adam A. W. Kryczka, Coleman

\*Gordon Lloyd Lange, Edmonton Lorna Karen Lyle, Edmonton Walter Robert Lysak, Smoky Lake Marlene M. Martin, Calgary Louis Parai, Drumheller

# Faculty of Agriculture

#### Third Year:

John D. MacKenzie, Magrath

#### Second Year:

\*Bruce E. McDonald, Mannville

#### First Year:

None

# School of Commerce

Second Year:

Michael A. Denega, Edmonton

Stewart G. Huff, Edmonton

First Year:

David K. Johnson, Edmonton

Faculty of Dentistry

Third Year:

None

Second Year:

None

First Year:

None

Faculty of Education

Fourth Year:

Basil Charles Benger, Standard John Heidebrecht, Swalwell Phyllip Gordon Redd, Raymond

Mary Doreen Rhodes, Cut Bank, Montana

Third Year:

Shirley Ann Aldrich, Edmonton Dorothy Louise Benjamin, *Hanna*  Margaret Ann Hardy, Edmonton Margaret H. McPherson, Calgary

Second Year:

R. Blanche Collier, *Cluny* Agnes Dueck, Coaldale Mary Akiko Endo, Taber Kenneth D. Gordon, Cluny Sr. Mary Aloysius (Gallivan), Edmonton

First Year:

\*Denise S. Helgason, Edmonton Eileen C. Lloyd, Medicine Hat Ruth Fern Olson, Coaldale

Junior Elementary:

Carol Gay Fors, Edmonton Marilyn Gladys Gale, Calgary Harriet Jane Horseman, Watrous Sask.

Patricia R. Kneen, Kitscoty Bruce C. Northam, Medicine Hat

Faculty of Engineering

Third Year:

Harold C. Dickout, Edmonton Herbert N. Klingbeil, Leduc Leagh Marley, Edmonton \*George W. Poling, Red Deer Gary R. Purdy, Edmonton

Second Year:

Gustav S. Christensen, Drumheller Norman H. Crawford, Red Deer Peter M. Huculak, Andrew Rostyslav S. Kinasevich, Edmonton Archie C. McKellar, Drumheller Arthur D. Markle, Edmonton William S. Pawluk, Selkirk, Manitoba Bruce A. Perrin, Medicine Hat Neil B. Poulsen, Lethbridge Keith A. Stromsmoe, Lethbridge

First Year:

Norman P. Archer, Didsbury William A. Dalgliesh, Picture Butte Edward W. Fenton, Calgary Andrew Gawalko, Vilna John M. Macleod, Edmonton

Bing, J. Mah, Red Deer William P. Marika, Salisbury Edward R. Peterson, Red Deer \*Robert K. Teshima, Taber Delbert R. Wright, Black Diamond

# School of Household Economics

Second Year:

Helen G. Howard, Drumheller

First Year:

None

Faculty of Law

Second Year:

William A. Stevenson, Edmonton

First Year:

Robert R. Stuart, Edmonton

Faculty of Medicine

Third Year:

John M. Serbu, Willingdon

Second Year:

Roman M. Bala, Sangudo

Gordon C. Strong, Vegreville

First Year:

David M. Fawcett, Edmonton Leonard Klassen, Vauxhall Richard Wm. Mallen, Edmonton Thomas K. Maybee, *Guelph*, *Ontario* Lois Ann Stayura, Calgary Allan David Tobe, Edmonton

# School of Nursing Degree Course

Fourth Year:

Peggy Kubik, Lethbridge O. Alexendra Mendryk, Edmonton Dianne Ross, Edmonton

Third Year:

Doris Edith Cinnamon, Gibbons Carole Ann Colclough, Banff

Joan Margaret Ferguson, Kitscoty Jacquelin Maria Hladik, Wetaskiwin

Second Year:

Joyce Elspeth Aylen, Edmonton Olga Bakay, Lac La Biche Norma Evelyn Betts, Calgary Bertha Bidulock, Hairy Hill

Shirley Margaret Bragg, Rockyford Jean Margaret Mills, Beaverlodge Elsie Lillian Nypit, Edmonton

First Year:

None

Diploma Course

Third Year:

Inez Margaret Broughton, Camrose Esther Ann Devine, Didsbury Ethel Lois Funk, Athabasca Lillian June Lindgren, Biggar, Sask. Jean Evelyn Smith, Calgary \*Gwendolyn Anne Raistrick, Edmonton

Jill J. S. Robison, Lethbridge Ellen Irene Schmidt, Ponoka Yoshiko Eva Shimizu, Edmonton Elizabeth Anne Staples, Westlock Shirley Ann Vellner, Red Deer

Second Year:

Margaret E. Comfort, Red Deer Jane T. Hall, Calgary Cynthia, L. Hammer, Olds Gloria Ruth Huber, Olds Jessie Pauline Karpoff, Stavely \*Joan M. Lingings, Vermilion Barbara Eden Lloyd, Edmonton Shirley M. Morrow, Edmonton Margery L. Roberton, Kitscoty Elfriede S. Schinkinger, Athabasca First Year:

Doreen G. Alton, Edmonton Rita M. Baergen, Tofield Edith E. Devine, Didsbury Ann Carol Johnson, Edmonton Joyce Hattie S. McCoy, Edmonton Rosie Jean Philipzyk, Athabasca Sheila M. Wilson, Waskateneau

# Faculty of Pharmacy

Second Year:

Josephine V. Hukalo, Edmonton

John R. Lymer, Edmonton

First Year:

Margaret J. Dandell, Red Deer

Alec Shysh, Vilna

School of Physical Education

Third Year:

None

Second Year:

None

First Year:

None

School of Physiotherapy

Second Year:

None

First Year:

None

# UNIVERSITY SCHOLARS, 1956-57

Since the publication of the Convocation program in May, 1956, the following awards have been made:

#### MATRICULATION AWARDS

# University of Alberta Honor Prizes

Bernard Leo Adell, Edmonton Marcis Berzins, Red Deer John Robert Brews, Calgary Donald Roy Chilibeck, Edmonton Joseph Morris Chudobiak, Kathryn Eugene Wm. Corry, Hairy Hill Stanley George Crossley, Red Deer Ralph N. Dennison, Medicine Hat Richard Enns, Edmonton Margaret L. Farnham, Edmonton Sandra M. Faulder, Edmonton Robert L. Forbes, Édmonton Robert Frederick Frindt, Edmonton Joena C. Hampton, Edmonton Robert David Hawkins, Calgary Patricia M. Healy, Calgary Dwight C. Helgason, Edmonton Nadia Hochachka, Edmonton Clara Ann Johansen, Lethbridge Garry M. Lindberg, Bluffton Helen Luba, Ellscott Gerald Evan McBride, Fairview

Dorothy A. McDonald, Westcott David G. A. McLean, Edmonton Agnes I. McMillan, Gadsby William G. Magee, Edmonton James Richard Miller, Calgary Richard Graham Miller, Edmonton John Michael Motil, Bellevue Ann Margaret Mitchell, Czar David William A. Mount, Calgary Norman Donald Olson, Camrose Richard Gerald Orlaw, Edmonton Marilylle Pattison, Withrow Donald N. Skibo, Calgary Lorraine M. E. Soucy, Edmonton Myrna Gail Stephen, Edmonton Murray Wm. Strome, Lethbridge Winnifred M. Swainson, Red Deer John David Thomson, Tofield Fred E. Vermeulen, Edmonton Albert N. Wuerfel, Brooks Jack F. Yasayko, Edmonton

The University of Alberta Matriculation Scholarships Eugene W. Corry, Hairy Hill Ann Margaret Mitchell, Czar Stanley George Crossley, Red Deer

The Robert Tegler Matriculation Scholarships William George Magee, Edmonton Robert F. Frindt, Edmonton Joena C. Hampton, Edmonton

The Viscount Bennett Matriculation Scholarships Heather Anne Brown, Calgary Robin McPherson, Calgary Robert David Hawkins, Calgary

> The Calgary Herald Scholarship in Chemical and Petroleum Engineering Ralph N. Dennison, Medicine Hat

The Robert David Sinclair Scholarship in Agriculture Carol A. Cowell, Calgary

The Alberta Institute of Agrologists Scholarship in First Year Agriculture N. Duncan Manuel, Innisfail

The Edmonton and District Druggists' Association Scholarship Wilhelmena Agnes Edmondson, Edmonton

St. Hilda's Matriculation Scholarships Annette Marie Dore, Calgary Patricia O. Toombs, Calgary

The Renkenberger Scholarship Ronald Walter Pollock, Edmonton Santokh S. Basi, India

#### UNDERGRADUATE AWARDS

The President's Scholarships

Doreen Ruth Flesher, Edmonton Mildred Ivy Staples, Edmonton James Riddell, Ponoka

The Viscount Bennett Undergraduate Scholarships Bernice B. Libin, Calgary Lois Ann Stayura, Calgary

Arnold S. Maerov, Calgary Ian D. R. Neilson, Banff Josephine Soboren, Calgary

Leonard E. Swischuk, Calgary Sister Mary Aloysius, Edmonton The Hudson's Bay Company Scholarship in History

Robert J. McCue, Lethbridge

The Royal Canadian Engineers Memorial Scholarship Not awarded

> St. Hilda's Leaving Scholarship Penelope I. M. Lowe, Calgary

# BURSARY AWARDS

The following Bursaries were awarded for the session 1956-57:

#### MATRICULATION AWARDS

The Alberta Wheat Pool Scholarships for Rural Students
Stuart David Fraser, Clyde Winnifred May Swainson, Red Deer

The Union Carbide Scholarship Robert Lister Forbes, Edmonton

The General Motors Scholarship William George Magee, Edmonton

The Inco Scholarships

Donald Roy Chilibeck, Edmonton Arnold Dey, Melville, Saskatchewan

The University Women's Club of Edmonton Matriculation Bursary

Patricia A. Klinck, Edmonton

The Friends of the University Matriculation Bursaries
Garry M. Lindberg, Bluffton Donald Terrence Keenan, Champion

The City of Edmonton Matriculation Scholarships
Mary E. Bielenstein, Edmonton Richard Enns, Edmonton

The Canadian Foundation for Poliomyelitis Bursaries
Freda May Ball, Olds
Frances Elizabeth Warren, Alix
Marlene J. Ross, Calgary

The War Memorial Scholarship Beverly Faye Simmons, Medicine Hat

The Canadian Foundation for the Advancement of Pharmacy Bursary

William Edmund Lambert, Red Deer

#### UNDERGRADUATE AWARDS

The Canadian Legion Scholarship
Timothy Hayhurst-France, Edmonton

The Canadian Legion Scholarship in Physics or Electrical Engineering

Herbert Norman Klingbeil, Leduc
The Canadian Foundation for Poliomyelitis Bursaries
Evelyn M. Gourley, Edson
Yvonne Marie Stehelin, Edmonton
Margaret E. Salter, Calgary

The American Women's Club of Edmonton Bursary in Physiotherapy
Jeanette Elaine Blunt, Calgary

# The Robert Tegler Special Scholarship Not awarded

The City of Edmonton Undergraduate Scholarships
Adele Marie Browne, Edmonton and Diane Stover, Edmonton
(shared equally)

Jack Brown, Winfield Richard W. Mallen, Edmonton Margaret M. Sonoda, Coaldale

The Sam J. Gorman Memorial Scholarship in Engineering Robert E. Loov, Wetaskiwin

The Dan Baker Scholarships

William Robert Cram, Three Hills Walter Dietz, Galahad

Raymond J. Miller, Red Deer Conrad F. Wehrhahn, Mountain View

The Phylis Osborne McGachie Bursary in Household Economics

Helen G. Howard, Drumheller

The Friends of the University Bursaries In Arts and Science: Arthur J. Dalton, Edmonton,

Cornelius H. Vanderwolf, Onoway
In Commerce: Patricia S. Workun, Edmonton
In Dentistry: Alfred W. Geisthardt, Regina, Saskatchewan
Louis C. Melosky, Winnipeg, Manitoba

In Education: Lydia E. Dawson, Castor; Lynne W. C. de Leeuw, Stavely
In Household Economics: Alice Krokosh, Edmonton
In Medicine: Knut Vik, Sangudo

In Nursing: Anne Violet Dmytrash, Myrnam

The Women's Canadian Club of Edmonton Bursary for New Canadians Fritz Karl Hess, Edmonton

The Seismic Service Supply Bursaries

John Edward Klcovansky, Seba Beach George F. O. Langstroth, Medicine Hat

The Samuel J. McCoppen Bursaries

Jack Brown, Winfield Edward W. Fenton, Calgary Peter M. Huculak, Andrew William Richard Mallen, Edmonton Edward R. Petersen, Red Deer Margaret M. Sonoda, Lethbridge Delbert R. Wright, Black Diamond

#### AWARDS MADE BY OTHER INSTITUTIONS

The Imperial Order Daughters of the Empire Matriculation Bursaries

Coronation Bursaries

Betty Joan Emery, Coaldale Lynne Farnham, Edmonton Martin Blake Hocking, Edmonton

Second War Memorial Bursary
Not awarded

The Municipal Chapter of Lethbridge Bursary
Brian Douglas Blackbourne, Lethbridge

The Duke of Edinburgh Chapter Bursary Donald McLean, Edmonton

The Imperial Order Daughters of the Empire Bursary in Social Work Not awarded

The City of Calgary Scholarships

First Year: Robert David Hawkins, Calgary; Patricia M. Healy, Calgary
Second Year: Audrey C. Lord, Calgary; Edward Fenton, Calgary
Third Year: Arnold S. Maerov, Calgary; Lois Ann Stayura, Calgary

The Canada Gamma Local Scholarship
Not awarded

The Calgary Canadian Club Scholarship Robert David Hawkins, Calgary

The George W. Robertson Memorial Prize
Not awarded

The C. O. Hicks Matriculation Scholarship Robert L. Forbes, Edmonton

The Alberta Wheat Pool Scholarships in Household Economics

First Year: Ann M. Mitchell, Czar Second Year: Kathleen M. Carney, Three Hills Third Year: Valeria A. Liss, Sangudo

The J. M. MacEachran Essay Prizes
First: John Nicholas Wickenden, Calgary
Second: Leslie Robert Keylock, Calgary
Third: Bernard Q. Elliott, Edmonton
Honorable Mention: John H. Terfloth, Edmonton

The Alberta Hotel Association Scholarships
City of Calgary

Neil M. Cameron, Calgary James R. Miller, Calgary David Wm. Mount, Calgary Donald N. Skibo, Calgary

City of Edmonton

Bernard L. Adell, Edmonton Sandra M. Faulder, Edmonton Joena C. Hampton, Edmonton Nadia Hochachka, Edmonton Jack F. Yasayko, Edmonton

#### Southern Zone

Joan M. Coady, Cardston Fred Y. Edamura, Picture Butte Taichi J. Fujino, Coaldale John L. Frey, High River Terrence F. McMahon, Hays Anna M. Quon, High River Kenneth E. Robertson, Vulcan James H. Vance, Raymond Cecil D. Westcott, Lethbridge Albert N. Wuerfel, Brooks

#### Peace River Area

Gerald E. McBride, Fairview Gerald C. W. Scott, Canyon Creek Charles R. Middleton, High Prairie

#### Central Zone

Gordon A. Berdahl, Hesketh Marcis Berzins, Red Deer Joseph M. Chudobiak, Dalroy Lowell Hackman, Carstairs Malcolm J. Hannah, Drumheller Garry M. Lindberg, Bluffton Patricia A. Metcalf, Red Deer Kathleen M. Phillips, Craigmyle Lyman D. Sortland, Bowden

#### Northern Zone

Eileen Burgess, Calmar
Eugene W. Corry, Hairy Hill
Georg Dej, Manola
Elsie Gelech, Andrew
Allan E. Gerber, Camrose
Mary Hryciw, Redwater
Florence O. Huculak, Picardville
Thomas F. Klimuk, Ardmore
Joseph A. Kostiuk, Mundare
Gloria Lehner, Vilna

Helen Luba, Ellscott
Joan M. Manuel, Edson
Norman D. Olson, Camrose
Charles Quon, Wainwright
Audrey M. Radomsky, Edberg
Howard L. Schreyer, Mannville
John D. Thomson, Tofield
John van den Born, Busby
Ethel E. Wall, Athabasca
Anne Wojciechowski, Lac La Biche

The John Walker Barnett Scholarship in Education James K. Nielsen, Calgary

The M. E. LaZerte Scholarship in Education Lillian M. Munz, Barons

The H. C. Newland Scholarship in Education Donald G. Fowler, Edmonton

The C. O. Hicks Scholarship in Education Dorothy Mae Frankish, Foremost

The H. D. Ainlay Scholarship in Education Richard Brian Staples, Drumheller

The Lady Aberdeen League Bursary Ethel Christine Brown, Edmonton

The above list of awards made by other institutions is necessarily incomplete.

#### PRESENTATION OF DIPLOMAS

The list of candidates for diplomas and degrees appearing herein is subject to such correction, with respect to both deletion and addition, as may be necessary.

# Diploma in Physiotherapy

Candidates presented by Dr. J. R. Fowler, Director of the School of Physiotherapy

Shirley Jane Allin Aline Gabrielle Baril Shirley Marguerite Dominy Berniece Lucille Donais Susan Elizabeth Fife Helen Margaret Hays Mary Elaine Hirst Mary Lynne Houston Beverley Diane Lee Marianne Desales Lindsay Mona Elizabeth McLaughlin Rosemary Mielke Margot Ann Parker Esther Maud Williams Donna Marilyn Wood

# CONFERRING OF DEGREES

# Admitted to the Degree of Bachelor of Arts

Candidates presented by Professor W. H. Johns, Dean of the Faculty of Arts and Science

Sheila Joan Cristall (in abs.) Norma Fay Steen (in abs.) Sister Marguerite M. Cote (in abs.) Lois Patricia Watson John Cameron Harry Chomik Kenneth Austin Cush Robert Brian Dawson (in abs.) Walter Edmund Warren Ellis (in abs.) Ronald David Ghitter (in abs.) Isidor Gliener William Dawson Grace Maurice Yvon Hermary (in abs.) Frank Douglas Jones Edward Bennie Link

Kenneth Robert Miller
James Edward Munro
William Theodore Pidruchney
(in abs.)
George John Sackman, B.A.
(in abs.)
Edward Richard Saddy (in abs.)
John Meinte Sherman
Harold Simons
Stanley John Skirrow, B.Ed.
(in abs.)
Hubert Melville Smith (in abs.)
Ronald Elmer Spackman (in abs.)
Geoffrey Gordon Woodhams
(in abs.)

# Admitted to the Degree of Bachelor of Science in Arts and Science

Patricia Baker Eleanor Ruth Edgar (in abs.) Ethel Elsie Hrdlicka Peter Antonenko (in abs.) Alfred Barry Harrison John Martin Hillerud (in abs.) Victor Jendruska Lawrence Kisilevich (in abs.)
Roger Terrance Mott (in abs.)
Hisashi Murakami
Robert Bruce Nelles (in abs.)
Stephen Joseph Niziol
Robert Dobson Orr
John Harlan Parkkari (in abs.)

# Admitted to the Degree of Bachelor of Commerce

Candidates presented by Professor B. A. Lindberg, Director of the School of Commerce

Victor Lopushinsky

Charles Ronald Steele (in abs.)

# Admitted to the Degree of Bachelor of Education

Candidates presented by Professor H. T. Coutts, Dean of the Faculty of Education

> With First-Class General Standing Ronald Alfred Schaufele

Edythe Alberta Allan
Mary Florence Barby (in abs.)
Dorothy June Braham (in abs.)
Helen Marion Bramley-Moore,
B.Sc.(H.Ec.)
Mary Elizabeth Colquhoun
Mary Edler
Elizabeth Frances Forbes
Irene Winnifred Ford
Bernadette Gadzella (in abs.)
Mary Gillies (in abs.)
Catherine Elizabeth Hauver
Mary Jean Hicks

Lillian Catherine Holmes
Margaret Viola Hurl (in abs.)
Gwendolyn Joan Koefoed
Helen Anne Kosior
Ethel Ileine Lazoruk
Jean Marie Leavitt (in abs.)
Lynn Leavitt (in abs.)
Rita Mae McGillivray,
B.Sc.(H.Ec.) (in abs.)
Margaret Elizabeth McLaggan,
B.Sc.(H.Ec.) (in abs.)
Helen Margaret McNeill
Lillian Alberta McPhie

Myrtle Eva Madsen (in abs.) Father Marie-Antoine Bugeaud, Victoria Martens O.M.I., B.A. (in abs.) Eileen Montgomery, B.Sc.(Arts) Norman John Griffiths (in abs.) John Heidebrecht (in abs.) (in abs.) Margaret Watson Morrison William Norman Holden (in abs.) James Frederick Horning Myrtle Mary Nicholson, B.A. Einar Winfred Huse (in abs.) (in abs.) Grant Orton Johnson (in abs.) Agnes Ethel O'Brien-Smith George Juskow Alice Mary O'Dwyer (in abs.) Steve Klem (in abs.) Henry Kolesar Frank Kozar Mary Patricia Palmer Beulah Darline Paulson Annie Ellen Katherine Rae Nicholas Kraychy William Kraychy (in abs.) Isabelle Evangeline Raychyba Phillip Aloysius Lamoureux Wilfred Stephen Lencucha (in abs.) Mary Doreen Rhodes (in abs.) Daphne Margot Rogers Raymond Frederic LePage, B.A. Shirley Ann Russell (in abs.) Anne Samograd (in abs.) James Leonard McKinley Nellie Savill (in abs.) John Francis Maguire (in abs.) Joan Elizabeth Shaxon Elidio Louis Mascherin (in abs.) Sister Catherine Curtin, B.Sc. (Arts) William James Mewha Robert Edward Miller (in abs.) (Curtin) (in abs.) Sister Mary of St. Jeanne-Louise Hugh Nuttycombe (Dusseault) (in abs.) Robert Earl Olsen (in abs.) Sister Saint Lionel Lars Olson (in abs.) John Gilbert Paterson (Gagne) Sister Marie Saint Phileas Michael Ely Podmoroff (Lampron) (in abs.) Marcel Bernard Poitras Robert Prestash Sister Mary of S. Irene du Sauveur Alexander James Proudfoot (Leblanc) William Robert Prunkl Sister Jean Berchmans (Leroi) (in abs.) Sister St. Lina Phyllip Gordon Redd Robert Hart Robinson (in abs.) Harold Ludwig Rolseth (Lessard) Sister M. de Ste-Colette Keith Carl Roos (Limoges) (in abs.) Sister Mary Agnes Veronica Michael Sawka Frank Joseph Senger, B.Sc.(Arts) (McLaughlin) (in abs.) Vincent Sharman Sister Margaret Martha John Shubert John Frederick Shysh (in abs.) (Meek) (in abs.) George Edward Sisko (in abs.) Margaret Ellen Tyler Michael Skowronski (in abs.) Marjorie Underwood, B.A. (in abs.) Kathleen Wihnan (in abs.) Arthur Charles Slapak (in abs.) John Leo Aaserud William Paul Smith (in abs.) Frank Richard Bazant (in abs.) Robin Malcolm Stuart, B.A. Gerald Leo Beauchamp (in abs.) **Thomas Edward Summers** William Davy Thomas William Cecil Bober George Topolnisky Howard Donald Urquhart B.Sc. George Owen Braham (in abs.) Francis Burchak (in abs.) William Stanley Calder Millan Chrumka (in abs.) LeVerne Smith Collett (in abs.) (Arts) (in abs.) Frank Horace Walker Frank Darrel Wallace (in abs.)

Admitted to the Degree of Bachelor of Education and granted the Senior Diploma

Daisy Gretrex Ambury (in abs.)

Walter Martin Cooper (in abs.)

Terrence Hibbert Curran Fred Danelesko

Francis Terence Crofton (in abs.)

Robert Couture

Beverly Harriette Corben, B.Sc. (H.Ec.)

Laurence George Wiedrick, B.A.,

Eugene Wasylyk

Steve Wysocki

B.L.S. (in abs.) Harold Frederick Witte Beverly Gwendoline Fleet, B.A. (in abs.)

Margart Ann Hardy, B.A. (in abs.) Eleanor Muriel Sanford, B.Sc.

(H.Ec.) (in abs.)

Sister Gertrude Isabelle Buss (in abs.)

Sister M. Winifrid (Downs) (in abs.) Sister Irene Gallant

Sister Bernadette Hickey, B.A. (in abs.)

Sister Marion McNamara, B.A. (in abs.)

Nola Elizabeth Thompson, B.Sc. (H.Ec.) Basil Charles Benger, B.Sc.(Arts) David Louis Clark Lawrence Albert Dowling, B.A. (in abs.)

Kenneth Douglas Gordon, B.Com, (in abs.)

Vernon Adolf Hoff, B.A. (in abs.) John Matthew Hrynew

Karl Korella, M.A. (in abs.) David Gordon Mack, B.A. (in abs.)

Chris George Nelson Douglas Glenn Runte, B.Sc. (Arts) (in abs.)

# Admitted to the Degree of Bachelor of Education in Industrial Arts

Andrew John Birchill Arlend James Hudson (in abs.) Thomas McKendry John Cecil Murison

# Admitted to the Degree of Bachelor of Education in Physical Education

Candidates presented by Dr. Maury Van Vliet, Director of the School of Physical Education

Richard Nelmar Bradshaw (in abs.) Bernard Hughes (in abs.)

# Admitted to the Degree of Bachelor of Science in Chemical Engineering

Candidates presented by Professor R. M. Hardy, Dean of the Faculty of Engineering

Eugene Max Adkins (in abs.) Robert Joseph Kronthaler Donald Edward Lee Raymond Luka (in abs.) Alfred Bruce Murray

William Schulz (in abs.) Gordon Allan Sullivan (in abs.) Douglas Masters Walker Michael Warchola (in abs.)

# Admitted to the Degree of Bachelor of Science in Civil Engineering

Ronald Philip Allbright Ronald Anthony Cimolino (in abs.) Frederick Ernest Estabrook (in abs.) Allan Ruus Thomas Eugene Horne (in abs.) Grant Calvin Johnston

Arthur Charles Kent (in abs.) Harold Nahaiowski (in abs.) John Sklar (in abs.) Miljan Tomovich (in abs.)

# Admitted to the Degree of Bachelor of Science in Petroleum Engineering Charles George Cochrane (in abs.)

# Admitted to the Degree of Bachelor of Laws

Candidates presented by Professor W. F. Bowker, Dean of the Faculty of Law

John Vincent Murphy, B.A. Archie Richmond Ryan, B.Sc. (Arts) George Romanchuk, B.A. (in abs.)

# Admitted to the Degree of Bachelor of Science in Nursing

Candidates presented by Professor C. R. Amies Chairman of the Council of the School of Nursing

Marilyn Annetta Campbell (in abs.) Sheila Mae Macalister Alice Ellen Dudman Dianne Winifred Ferguson Madeleine Ruth Geddes Yvonne Katherine Elva Hale (in abs.) Barbara Ann Hargrave Mary Ann Hart (in abs.) Aileen Patricia Huff Lorna Nuttycombe Kelly Sheilagh Maureen Lynn (in abs.)

Peggy Marie Marko Jean Anne Melnyk Olga Alexandra Mendryk (in abs.) Elaine Bernice Rippel (in abs.) Jeanne Stewart Robertson Barbara Anne Smith (in abs.) Patricia Ann Telfer (in abs.) Kathleen Mary Thomson Beverley Margaret Warren Rita Elsie Ziehran

# Admitted to the Degree of Bachelor of Science in Pharmacy

Candidates presented by Professor M. J. Huston, Dean of the Faculty of Pharmacy

Joyce Eleanor Brock (in abs.) Olive Salamandick

Reginald Wallace Roxburgh (in abs.)

# Admitted to the Degree of Bachelor of Divinity

Candidate presented by Dr. E. J. Thompson, Principal of St. Stephen's College

Robert Oakley Dver

# Admitted to the Degree of Master of Arts

Candidates presented by Professor O. J. Walker, Director of the School of Graduate Studies

David Grant Embree, B.A., B.Ed., M.Ed. "The Rise of the United Farmers of Alberta."

Arthur Bernard Fitzpatrick, B.Sc.(Arts) "Prediction of Success in First Year Engineering.

Edward Wilson Kemp, B.Ed. "The Philosophy of R. G. Collingwood."

Albert Richard Riep, B.Ed. "Die Behandlung der Natur in Joseph von Eichendorffs Novellen 'Das Marmorbild', 'Aus dem Leben eines Taugenichts' und 'Das Schloss Dürande'."

Chase Sawtell, B.A. "Shakespeare's Use of the Scriptures in his Historical Dramas."

# Admitted to the Degree of Master of Education

Irene Elma Buckles, B.Ed. "The Evolution of the Mathematics Programme in Alberta High Schools."

Ivor Graham Dent, B.A., B.Ed. "The Evolution of School Grants in Alberta."

Oscar Fadum, B.Ed. "A Diagnosis of the Achievement of a Sample of Alberta Grade Eight Pupils in Solving Arithmetic Problems."

Douglas Haig Jardine, B.Ed. "A review of Science 10 as a Course in Integrated Physical Science with Special Reference to its Background, Purposes, Implementation and Classroom Presentation."

Ralph Lewis McCall, B.Ed. "A History of the Rural High School in Alberta."

- Ian Charles MacDonald, B.Ed. "The Meaning of the Growth of Scientific Information for Education for the Advancement of Scientific Knowledge."
- Cecil Henry Sangster, B.Ed. "An Evaluation of the Efficiency of a Standardized Test of Languages."

# Admitted to the Degree of Master of Science

- Peter Andru, B.Sc.(Civil Eng.) "A Study of Scour at Obstructions in Non/Cohesive Bed."
- Robert Leslie Borden, B.Sc.(Arts) "An Upper Ordovician Coral Fauna from the Lower Mackenzie River Area, Northwest Territories."
- Gordon Herbert Bowman, B.Sc.(Agric.) "An Appraisal of Certain Sources of Environmental Variation in the Productivity of Yorkshire Sows."
- Emil Eugene Budzinski, B.Sc.(Arts) "Debye Characteristic Temperature of Cubic Metals and Vibration Spectrum and Specific Heat of Silver."
- Deane Nesbitt Calvert, B.A., B.Sc.(Pharm.) "The Effect of Certain Cardiovascular Drugs on Tissue Respiration."
- Kurt Rudolf Depner, B.Sc. (Agric.) "Reproduction and Development of the Horn Flt, Siphona Irritans (L.) (Diptera:Muscidae)."
- Morris Harold Weinlos Friedman, B.Sc., M.D. "The Effect of Bile on the Absorption of Radioactive Iodine  $(I^{131})$  in Dogs."
- Laurence George Hoye, B.Sc.(Arts) "Isometries in a Certain Class of Minimal Surfaces."
- William Ernest Jubien, B.Sc.(Civil Eng.) "A Study of the Soil Conditions in the Edmonton Area."
- Donald Harry Kelly, B.Sc. (Elect. Eng.) "A Simulator of an Alternator for use with a Network Analyser."
- Walter Dmytro Komhyr, B.Sc. (Arts) "Measurements of the Refractive Index of Air."
- Vernon Carl Larson, B.Sc.(Elect. Eng.) "The Development of a Drill Hole Volume Computer."
- Sherwood Robert Miller, B.Sc.(Agric.) "Some Effect of Growth Substances On Low Temperature Resistance and Quality of Sugar Beets."
- Arvid Arthur Schultz, B.Sc.(Arts) "Precision Measurements of Mercury 198 Wavelengths."
- Richard William Sherbaniuk, B.Sc., M.D. "II. Hemodynamic Changes in High Out-put Cardiac Failure."

# Admitted to the Degree of Doctor of Philosophy

- James Daniel Banting, M.Sc. "Physiological and Biochemical Studies on Vernalization and Cold Hardiness of Wheat."
- Martin Claude Martin, M.Sc. "The Effect of Heat Treatments and Low Temperature upon the Elastic Properties of Metallic Single Crystals."
- Marinus Adrianus Arnoldus Vonk, Ir. (Agric.) "The Effect of Ingested Chlortetracylcine on the Activity of Some Hydrolases and on some organs associated with the Digestion Process in Young Growing Swine."

Admitted to the Degree of Doctor of Laws, Honoris Causa
John Lee Laurie, B.A.
William Copeland McCalla

#### **DIPLOMAS**

The General Faculty Council of the University has approved the award of diplomas to the following students:

# Junior Diploma of the Faculty of Education (Elementary)

Kathlyn Benger Denise Arlene Birkness Grace Hilda Bromfield Frances Olive Cuyler Stella Danyschuk Velma Elizabeth Dobson Sheila Eileen Dowdell Lila Jennette Ferguson Doreen Margaret Gregory Wilma Maureen Halstead Hazel Halvorson Naomi Hammer Jean Claudia Hargrave Hazel Rebecca Hart Lois Marie Haukedal Arlene Rae Housley Mary Anne Jano Annie Konopelka

Lorraine Marie Landry Gloria Sylvia Lapp Sara Lehn Elsie Leonhardt Gloria Elisa Liviero Jean Alice Moore Evelyn Nickel Eunice Louise Schmidt Patricia Louise Rowe Helen Lauraine Stefaniuk Mary Marguerite Suca Marie Swanson Janette Ruth Wattie Dina Lillian White Bastiaan Boulogne John Brown Gray Peter Makar Thomas David Smith

# Junior Diploma of the Faculty of Education (Secondary)

Margaret Irene Benedict, B.Com. Hilda Buza Pauline Mary Davidson Judith Jeanne Dumont Isabel Melissa Erickson Rosie Fegirchuk Irene Mary George Titina Elena McCabe Ruth McGee Mary Barbara McPheat Hazel Maynard Anne Natalia Mierzewski Juliette Marie-Joseph Richard Charlene Sommerfeldt Phyllis Cecily Sutherland, B.A. Sister Marie Angela (Aubert) Sister Sainte Gemma (Girard) Sister Madeleine-de-l'Esperance, a.s.v (Lafond) Sister Anna Elizabeth (Rodinyak) Sister Catherine Donalda (Shade) Sister Jane Frances (Wetsch) Marvin Walter Baker Jacob Brown Barney George Chrusch

Peter Diakur, B.A. Harry Ewasiuk, B.Sc.(Arts) Andrew William Fedoruk Roy Roderick Gouchey Ralph William Heidinger Donald Raymond Henderson Melvin Oscar Hofer Peter Huculak Michael Nicholas Kowalchuk Harry Kuharchuk Alex Leonty Robert Lawrence MacDonald Louis Maiko Darrel Roger Maisey George Douglas Mattson Roland Elmer Miles, B.A. William Alex Moisey, B.Sc. (Arts) Gordon Moore David Herbert Oke Bruce Palk Paul Guy Piquette Roman Piwowar Ivan Laurie Robertson, B.Sc. (Arts) Murray James Robison William Strashok James Gretton Swan Jack Tilbrook

# Senior Diploma of the Faculty of Education

Helen Margaret Baer, B.A. Barbara Beaton Dorothy Louise Benjamin Catherine Frances Bennett, B.A. Gertrude Mary Conn Florence Irene Danyluk

Brian Davis

Lester Arnold Deglow

Muriel Katherine Edkins, B.A. Hilda Irene English Margaret Enns Ruby Ellen Ewan Barbara Elizabeth Goedicke Clarice Marie Hansen Lydia Hatt Kathryn Hubic Marguerite Ann Koefoed Anna Frieda Kunst Eileen Conner Lloyd Marjorie McBeath Bertha Margaret McCutcheon Anita Ruth Madill Margaret Lillian Maginley, B.A. Myrtle Viola Maher Alice Gwendolyn Olson Janet Agnes Opalinski Mary Helen Porges, B.A. Nora Lorraine Rugland, B.A. Anne-Lore Magdalene Strack Sister Jeanne-Francoise (Alain) Sister Omer-Marie (Croteau) Sister Margaret Lee, B.A. Sister M. Mathilda (Lucas) B.A. Sister Marie Charles Joseph (Sheehan) Sister Gabrielle (Tellier) Frances Gertrude Mary Thielen Muriel Corinne Torgunrud Lillian Joy Treacy Zoe Turnbull Alexandra Ulan Irene Walasko Dorothy Raye White Grace Marina Wright Tova Yedlin John Aberle Henry Norman Anderson Laurent Beaudoin, B.A. Father Basil Francis Butts, B.A.

Donald Wilbert Calvert William Aubrey Cooke John Russell David Lorenzo Snow Davies Harry Leon Dodge, B.A., B.D. Prokop Floria William Gelych Anothe Reginald Genoway Henry Golan Marshall Grandish Norman McLeod Grant Joseph Healy Higgins Walter Rudolf Horne Alex Hushlak Edwin Ferdinand Janz Miroslaw William Krywaniuk William Kutt Bill Labatiuk Chester Rushworth Laing Percy Benjamin Lawton Ronald McBeath Stanley Gordon Maertz Elias Kost Makowichuk Walter Melashenko Joseph Honore Gerard Moquin, B.A. Robert Walter Olshanowski Eldon Oscar Olstad Harry Ostapiw Leonard Cooper Purnell Hymie Ben Rodnunsky Anton Edward Rogalsky Glen Sillito Peter Stones Elton Raymond Tanne Stewart George Torrie, B.A.

## Music

# Associate in Music

Pianoforte-Performer
June Bernice Daley (First-Class Honors)
Arnold Herbert Waack (Pass)
Peter Raworth Walker (First-Class Honors)

# Diploma in Nursing

Iris Gail Aitcheson Margaret Jean Allen Eileen Mary Babchuk Shirley Alberta Bardy Catherine Alice Barr Mary Margaret Bekker Beverly Elta Belcher Helen Rae Wisdom Bidwell Olinda Elsie Brod Inez Margaret Broughton Barbara Alice Buckham Diane Alice Cload Donna Isobel Cook Alice Delawski Esther Ann Devine Evelyn Noreen Dougan

Lois Carol Eifert Dorothy May Fairhead Mary Rose Fleck Donna Arlene George Florence Helen Gilson Arlene Joyce Hopkin Colleen Fay Housley Lorna Nuttycombe Kelly Sheila Kay Kelly Marion Christine Klein Alma Doris Kuhn Joan Marjorie Leach Lillian June Lindgren Gwendolyn Phyllis McCoy Shirley Irene Mix Jean Elizabeth Mooney

Jean Evelyn Moser Joyce Ann Nestor Irene Nora Popowich Gwendolyn Anne Raistrick Jill Jeanine Robison Shirley Ann Sandberg Yoshiko Eva Shimizu Barbara Joan Smith Jean Evelyn Smith Elizabeth Ann Staples Vivian Lilian Starko
Corrine Margaret Sundberg
Dolores Marian Arlene Swanson
Joan Marea Turner
Shirley Ann Vellner
Lillian Arlene Werth
Patricia May Wheeler
Grace Agnes Williams
Reta Blanche Carmen Winslow

# Diploma in Public Health Nursing Treva Louise Tingley

Diploma in Teaching and Supervision in the School of Nursing Gertrude Bertha Schatz Rosemary Anne Zeller

# PROFESSIONAL CERTIFICATION

# CERTIFICATE OF POSTGRADUATE QUALIFICATION IN DENTISTRY

November, 1956

Dr. Rowland Dalton Haryett (Orthodontics)

## ARCHITECTURE

September, 1956

Giles, George Leslie James

Rossman, Wendell Ernest

#### DENTISTRY

October, 1956

Isaacson, Dr. Daniel

#### **ENGINEERING**

May, 1956

Alho, Laurie Oswald
Allsop, Rowland Percy
Bannerman, George Andrew
Bausch, Karl McKeown
Brown, Robert Hudson
Campbell, Ian Wallace
Cheriton, William Ross
Chinneck, Charles Glenn
D'Amico, Zupito
Denier, William H.
Dowling, Philip James
Fowers, William Alfred
Fowler, Kenneth Rogers
Fowler, Robert George
Harris, Derald Arthur
denHartog, Jacobus Marinus
Irving, Glenn Alexander

June, 1956
Bossort, Dallas Overton
Brodylo, Stanley Simeon
Brunsdon, Earl Gibson
Burnham, Jedidiah George
Carlson, Donald Arthur
Carlson, Roy Carl
Christie, Walter Leslie
Colborne, Gerald Laverne

Jackson, William Arthur
Keet, Lourens
Kilback, Norman Robert
Koslovsky, Nikola
Krussmann, Herman W.
Matchett, George A. E.
Parker, Ian MacLachlan
Robins, Raymond B.
Searcy, Edwin Maurice
Slater, Wybert Hugh
Smith, Donald Bruce
Steketee, Richard P.
Warne, George Allan M.
Way, Gordon Lindsay
Wesemann, Raymond Donald
Workman, Lewis Edwin
Worthington, Willard Thomas

Cote, Denis Joseph Covello, Thomas Dafoe, Bruce MacDonald Daoust, J. Omer Rowland Dudman, George Edward K. Dumett, Clement Wallace Jr. Ellis, Beverly Mills Finnie, George Gilliat, Wilson Nash Haight, Gordon LeRoy Harvey, Thomas Maurice Hiles, William Alan Hodgson, Alan James Hoenmans, Paul John Ibrahim, Abdul Majid Jenkins, John Robert

July, 1956
Andrews, Donald Paul
Baird, John B.
Baxendale, Lawrence Robert
Bennett, Charles P.
Bigelow, Richard Norton
Brant, Glenn Stanley
Brushett, Edward Ronald
Buchholz, Curtiss August
Courtice, Lloyd Calvert
De Ruiter, Dirk
Dlugos, John William
Dowling, William Allyn

August, 1956
Colvin, Murray Gordon
Connick, Thomas Fred
Diamond, Rene Albert
Dick, Donald David
Donald, John William Alexander
Epp, Peter Jr.
Gould, Ray Gordon
Harris, Ronald Leslie
Hogge, Harvey Leslie
McGovney, Paul Edwards
McIntyre, Douglas Fraser

September, 1956
Bagley, Howard David
Baker, Malcolm Evan
Bowman, Gordon
Brechtel, Frederick Charles
Brown, Kenneth Ridgeway
Chrumka, Stephen John
Dehm, Alfred O.
Gunther, Torsten Ragnar
Harword, Ernest Leslie
Hewes, Frank William
Kostiuk, Thomas
Krpan, Ivan John
Leopold, Charles Stein

October, 1956
Bartlett, Burnett George
Britain, Kenneth Edward
Canning, Robert
Colburn, Leroy Earl
Compton, Edward Grant
Cotsworth, Peter Frank
Cunningham, Glenn Elmer
Danielson, Magnus Ingiborg
Donaghy, Norman Harold
Dumbleton, Ernest Thomas
Fitzgerald, Leo David
Fuller, Patrick Edward

McOsker, Dick Edwin Nawata, Akira Poole, John Wilson Richman, Clayton Delbert Saunders, Laurent Ernest Seneshen, Maurice Julian Sloan, James William Wheeler, F. Raymond

Fisher, Alexander John Lundy Foo, Kenneth Marr Helmer, Ronald Munro Johnson, Eugene Kamra, Krishan Nettleton, Peter Michael George Noyes, Harold Douglas Puchalski, Edward Roesch, Andrew Alphonse Turner, John Durham Twaddle, James Bunting Webber, Harry James

Maitland, Peter Ronald Matthews, Edward Milner, Thomas Edward Mitchell, Richard Eugene Murphy, Joseph George Orford,, Ernest Chester Ross, Gerald Bruce G. Suter, Hans Heinrich Tuer, Arnold Baldwin Walker, Kenneth Ralph Wasarab, Zenon Eugene

Loucks, Wilfred Artley
McDonald, John Alexander
MacKay, Harold Murdoch
Malis, Ronald Peter
Mekechuk, John
Menneer, Jack
Oddson, Leif Thor
Petursson, Hannes Jon
Sanders, Robert Lewis
Warke, Alexander George
Watt, William Gordon
Winning, Stanley
Wright, John Owen

Galvin, Edward Anthony Garde-Hansen, Hans Garden, Robert John D. Heathcott, Jr., Robert V. Hees, John Theophile Hemphill, Charles R. Hostland, Lloyd Kittleson, Morris Elmer Leitch, Angus Ronald S. Macdonald, Roderick M. Mannister, Keith John Easton



